ABSTRACT

A battery holder (210) for mounting a button-type battery (200) on a printed circuit board (220) is provided. The battery holder comprises a resilient electrode plate (212), a ring (214) and a battery cap (216). The resilient electrode plate is soldered to positive contacts (222) of the printed circuit board. An anode of the battery is put on and electrically connects with the resilient electrode plate to thereby connect electrically with the positive contacts on the printed circuit board. The ring is soldered to negative contacts (224) of the printed circuit board and surrounds the resilient electrode plate. The battery is accommodated within the ring. The battery cap is fixed and electrically connected to the ring and covers the battery. The battery cap also electrically contacts with a cathode (202) on a top of the battery. The cathode and anode of the battery are separated by an insulation (206).